

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NO. 011382.00003  U.S. APPLICATION NO. (If known, See 37 CFR 1.61) <b>10/559734</b>
INTERNATIONAL APPLICATION NO. PCT/IB2003/002541	INTERNATIONAL FILING DATE 6 June 2003	PRIORITY DATE CLAIMED 6 June 2003
TITLE OF INVENTION METHOD FOR SULFUR COMPOUNDS REMOVAL FROM CONTAMINATED GAS AND LIQUID STREAMS		
APPLICANT(S) FOR DO/EQ/US Hawes, et al.		
Applicant herewith submits to the United State Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (Unexecuted)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11-20 below concern other document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
International Search Report International Publication WO 2004/108273A1 International Preliminary Examination Report Forms PCT/IB/301 and IPEA/424		Chapter II Demand Written Opinion 12 References


IP16123031 13 DEC 2003

PTO-1390 (12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, See 37 CFR 1.51) <b>80/559734</b>		INTERNATIONAL APPLICATION NO. <b>PCT/IB2003/002541</b>		ATTORNEY'S DOCKET NO. <b>011382.00003</b>	
21. The following fees are submitted:					
<input checked="" type="checkbox"/>	a) Basic National Fee		\$300.00	\$300.00	
<input checked="" type="checkbox"/>	b) Examination Fee		\$200.00	\$200.00	
<input checked="" type="checkbox"/>	c) Search Fee		\$500.00	\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$1,000.00</b>	<b>\$1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 500 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100	/50		X \$250		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	32 -20 =	12	x \$50.00	\$600.00	
Independent Claims	1 - 3 =	0	x \$200.00		
Multiple dependent claims (if applicable)			+ \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,600.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated below above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$1,600.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>				<b>\$1,600.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. +					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1,600.00</b>	
				Amount to be:	
				refunded	
				charged	
a. <input type="checkbox"/> A check in the amount of \$___ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 19-0733 in the amount of <u>\$1,600</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<b>CUSTOMER NO.: 22908</b>			SIGNATURE		
Banner & Witcoff, LTD. 10 South Wacker Drive Chicago, Illinois 60606-7407 Tel: 312.463.5000 Fax: 312.463.5001			ROBERT H. RESIS		
			NAME		
			December 6, 2005		
			DATE		
			REG. NO.		

IAP4 Rec'd PCT/PTO 06 DEC 2005

IAP16 Rec'd PCT/PTO 03 DEC 2005


CERTIFICATE OF MAILING BY "EXPRESS MAIL"

10/559734

Express Mail No. EV535610289US

Deposited December 6, 2005

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to the: Commissioner for Patents, Mail Stop PCT, DO/EO/US, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By:   
(person actually depositing)

International Application No.: PCT/IB2003/002541  
Applicants: Hawes, et al.  
Attorney Docket No.: 011382.00003  
Title: Method for Sulfur Compounds Removal from Contaminated Gas and Liquid Streams

1 sheet	PTO Form 1382
2 sheets	Transmittal Letter Concerning a Filing under 35USC371
7 sheets	Preliminary Amendment
4 sheets	Application Data Sheet
2 sheets	Information Disclosure Statement
2 sheets	Form PTO/SB/08A
2 sheets	Declaration and Power of Attorney (unexecuted)
31 sheets	International Publication WO 2004/108273
11 sheets	International Search Report
5 sheets	Chapter II Demand
6 sheets	Written Opinion
9 sheets	International Preliminary Examination Report
12	References
3 sheets	Forms PCT/IB/301 and IPEA/424
1 sheet	Certificate of Express Mailing
1	Return Postcard

**TRANSMITTAL LETTER  
TO THE DO/EO/US**

**IAP4 Rec'd PCT/PTO ^ 6 DEC 2005**

Date	December 6, 2005
International Application No.	PCT/IB2003/002541
Attorney Docket No.	011382.00003

**10/559734**

**I. [X] New Patent Application**

TITLE	METHOD FOR SULFUR COMPOUNDS REMOVAL FROM CONTAMINATED GAS AND LIQUID STREAMS
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Earliest priority date (Day/Month/Year)
6 June 2003

**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.  
 B. ☐ There is no prior U.S. application relating to this invention.  
 C. ☒ The following prior application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority)

Application no.	PCT/IB2003/002541	filed on	6 June 2003
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- D. ☐ The present international application ☐ is identical to ☐ contains less subject matter than that found in the prior U.S. application(s) identified in paragraph C above.  
 E. ☐ The present international application ☐ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C above. The additional subject matter ☐ **DOES NOT ALTER** ☐ **MIGHT BE CONSIDERED TO ALTER** the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.

**II. [ ] A Response to the Invitation to Correct Defects from the RO/US.** The following document(s) is (are) enclosed:

- A. ☐  
 B. ☐ PCT Power of Attorney (General)  
 C. ☐ Replacement pages:


pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Document  
 E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

**III. [ ] A Request for Rectification under PCT Rule 91 [ ] A Petition [ ] A Sequence Listing Diskette**

- IV. [X] Other (please identify):** Transmittal Letter to DO/EO/US Concerning a Filing under 35 USC 371  
 Preliminary Amendment  
 Application Data Sheet  
 Information Disclosure Statement, Form PTO/SB/08A, and 12 References  
 Declaration and Power of Attorney (unexecuted)  
 International Publication WO 2004/108273, w/ ISR  
 International Search Report  
 Chapter II Demand  
 Written Opinion  
 International Preliminary Examination Report  
 Forms PCT/IB/301 and IPEA/424  
 Certificate of Mailing  
 Return Postcard

The person signing this form is the: ☐ Applicant ☐ Attorney/Agent (Reg. No.32,168) ☐ Common Representative

Typed name of signer	ROBERT H. RESIS	Signature	
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